



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 190-003  
**Product name** **Dry Air Odor Eliminator**  
**Effective date** 20-Aug-2010  
**Company information** Sprayway, Inc.  
1005 Westgate  
Addison, IL 60101 United States  
**Company phone** General Assistance 630-543-7600  
**Emergency telephone US** 800-424-9300  
**Emergency telephone outside US** 703-527-3887  
**Version #** 05  
**Supersedes date** 03-Aug-2010

## 2. Hazards Identification

**Emergency overview** Aerosol. FLAMMABLE  
Will be easily ignited by heat, spark or flames. CONTENTS UNDER PRESSURE.  
Prolonged exposure may cause chronic effects. Irritating to eyes.

**Potential health effects**

**Routes of exposure** Skin contact. Ingestion.

**Eyes** Contact may irritate or burn eyes.

**Skin** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

**Target organs** Lungs.

**Chronic effects** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause delayed lung injury.

**Signs and symptoms** Discomfort in the chest. Coughing. Defatting of the skin. Skin irritation.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Acetone	67-64-1	60 - 70
Propane	74-98-6	15 - 20
n-Butane	106-97-8	10 - 15
Non-hazardous and other components below reportable levels		1 - 2.5

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Skin contact** Wash off with warm water and soap. Get medical attention if irritation develops and persists.

**Inhalation** If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

## 5. Fire Fighting Measures

**Flammable properties** Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

**Extinguishing media****Suitable extinguishing media** Alcohol foam. Dry chemical. Carbon dioxide (CO2). Do not use water jet.**Protection of firefighters****Protective equipment and precautions for firefighters** In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up.**6. Accidental Release Measures****Methods for containment**

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.

**Methods for cleaning up**

Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**7. Handling and Storage****Handling**

Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid contact with skin. Avoid prolonged exposure.

**Storage**

Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol.

**8. Exposure Controls / Personal Protection****Exposure limits****ACGIH****Components****CAS #****TWA****STEL****Ceiling**

Acetone

67-64-1

500 ppm

750 ppm

Not established

Propane

74-98-6

1000 ppm

Not established

Not established

n-Butane

106-97-8

1000 ppm

Not established

Not established

**OSHA****Components****CAS #****TWA****STEL****Ceiling**

Acetone

67-64-1

1000 ppm

Not established

Not established

Propane

74-98-6

1000 ppm

Not established

Not established

**Personal protective equipment****Eye / face protection**

Not normally needed.

**Skin protection**

Wear appropriate chemical resistant clothing. Chemical resistant gloves.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**9. Physical & Chemical Properties****Appearance**

Compressed liquefied gas.

**Boiling point**

77 °F (25 °C) estimated

**Color**

Pale yellow

**Flammability (HOC)**

32.82 kJ/g estimated

**Flash back**

No

**Flash point**

-156 °F (-104.4 °C) Propellant

**Form**

Aerosol.

**Odor**

Characteristic.

**pH**

Not applicable

<b>Physical state</b>	Liquid.
<b>Pressure</b>	60 - 70 psig @70°F
<b>Solubility</b>	Completely
<b>Specific gravity</b>	0.6941 estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Risk of ignition.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	None known.

## 11. Toxicological Information

**Acute effects** Acute LD50: 29400 mg/kg estimated, Rat, Dermal

### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

Acetone	67-64-1	Oral LD50 Rat 5800 mg/kg
n-Butane	106-97-8	Inhalation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h

**Sensitization** Not expected to be hazardous by OSHA criteria.

**Teratogenicity** Not expected to be hazardous by OSHA criteria.

## 12. Ecological Information

**Ecotoxicity** LC50 8120 mg/L, Fish, 96.00 Hours,  
EC50 19780 mg/L, Daphnia, 48.00 Hours,  
Contains a substance which causes risk of hazardous effects to the environment.

## 13. Disposal Considerations

**Waste codes** D001: Waste Flammable material with a flash point <140 F

**Disposal instructions** Contents under pressure. Do not puncture, incinerate or crush. Dispose of this material and its container to hazardous or special waste collection point. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

## 14. Transport Information

### Department of Transportation (DOT) Requirements

#### Basic shipping requirements:

<b>Proper shipping name</b>	Consumer commodity
<b>Hazard class</b>	ORM-D
<b>Subsidiary hazard class</b>	None

#### Additional information:

<b>Packaging exceptions</b>	156, 306
<b>Packaging non bulk</b>	156, 306
<b>Packaging bulk</b>	None

### IMDG

#### Basic shipping requirements:

<b>Proper shipping name</b>	AEROSOLS
<b>Hazard class</b>	2.1
<b>UN number</b>	1950

#### Additional information:

<b>Packaging exceptions</b>	LTD QTY
<b>Labels required</b>	None



**IATA****Basic shipping requirements:**

**Proper shipping name** Aerosols, flammable  
**Hazard class** 2.1  
**UN number** 1950  
**Additional information:**  
**Packaging exceptions** LTD QTY  
**Labels required** 2.1



<b>15. Regulatory Information</b>
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**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**CERCLA (Superfund) reportable quantity**

Acetone: 5000.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Hazard categories (311/312)** Immediate Hazard - Yes  
 Delayed Hazard - Yes  
 Fire Hazard - Yes  
 Pressure Hazard - Yes  
 Reactivity Hazard - No

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations****U.S. - Pennsylvania - RTK (Right to Know) List**

Chemical	Inventory Number	Hazard
Acetone	67-64-1	Environmental hazard
n-Butane	106-97-8	Present
Propane	74-98-6	Present

<b>16. Other Information</b>
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**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 1\*  
 Flammability: 4  
 Physical hazard: 0

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.

**MSDS sections updated**

Product and Company Identification: Product Review

**Prepared by**

Regulatory Compliance